

combined light;

fifth means for detecting the combined light;

sixth means for relating an average intensity of the detected combined light with a modulation frequency of said optical modulator to obtain a relationship; and

seventh means for acquiring from the relationship an optical path length of said device or a variation of the optical path length.

51. (New) An optical dispersion measurement apparatus comprising:

first means for generating monochromatic light;

second means for extracting two parts from said monochromatic light;

third means for directing the two parts of light onto a common optical path, incorporating an optical modulator and a device under test and traversing said optical modulator and said device on said common optical path in opposite directions;

fourth means for combining the two parts of light using said second means to obtain a combined light;

fifth means for detecting the combined light;

sixth means for relating an average intensity of the detected combined light with a modulation frequency of said optical modulator to obtain a relationship; and

seventh means for acquiring from a dependency of the relationship on a wavelength of the generated monochromatic light a wavelength dispersion characteristic of said device.

REMARKS

Favorable consideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-51 are presently active in this case. Claims 50 and 51 are added by the present amendment.